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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

4

Complete if Known

Application Number	10/509,599
International Filing Date	March 21, 2003
First Named Inventor	DELANEY, Allen D.
Art Unit	
Examiner Name	

Attorney Docket Number

SMAR-043

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/B.F./	A1	US 2002026226	02-28-2002	Incyte Genomics, Inc.	
	A2	US 2002142953	10-03-2002	Hyseq, Inc.	
	A3	US 2002146692	10-10-2002	Hyseq, Inc.	
	A4	US 2002197679	12-26-2002	Hyseq, Inc.	
	A5	US 2003104529	06-05-2003	Hyseq, Inc.	
	A6	US 2003138793	07-24-2003	IRM LLC	
	A7	US 5,707,829	01-13-1998	Genetics Institute, Inc.	
	A8	US 5,962,232	10-05-1999	Incyte Pharmaceuticals, Inc.	
	A9	US 5,962,312	10-05-1999	Sugen, Inc.	
	A10	US 5,972,676	10-26-1999	Sugen, Inc.	
	A11	US 6,013,500	01-11-2000	The Trustees of Columbia University in the City of New York	
	A12	US 6,124,272	09-26-2000	Isis Pharmaceuticals Inc.	
	A13	US 6,124,272	09-26-2000	Isis Pharmaceuticals Inc.	
	A14	US 6,207,401	03-27-2001	Sugen, Inc.	
	A15	US 6,485,620	10-15-2002	Hyseq, Inc.	
↓	A16	US 6,500,938B1	12-31-2002	Seilhamer, Jeffrey J., et al.	
	A17	US 6,569,662	05-27-2003	Hyseq, Inc.	
/B.F./	A18	US 6,586,390	07-01-2003	Hyseq, Inc.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
/B.F./	B1	WO	00/6728 ✓ A	02-10-2000	Incyte Pharmer Inc.		
	B2	WO	01/53312 ✓ A	07-26-2001	Hyseq, Inc.		
	B3	WO	01/81555 ✓ A	11-01-2001	Incyte Genomics inc.		
	B4	WO	02/01357 ✓ A	12-19-2002	IRM LLC		
	B5	WO	97/02357 ✓	01-23-1997	Affymetrix, Inc.		
↓	B6	WO	01/36602 ✓	05-25-2001	Pharmacia and Upjohn S.P.A.		
	B7	WO	99/53036 ✓	10-21-1999	Sugen, Inc.		
/B.F./	B8	WO	00/56864 ✓	09-28-2000	University of Dundee		

Examiner Signature

/Brandon Fetterolf/

Date Considered

04/03/2008

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				Application Number	10/509,599
				International Filing Date	March 21, 2003
				First Named Inventor	DELANEY, Alien D.
				Art Unit	
				Examiner Name	
Sheet	2	of	4	Attorney Docket Number	SMAR-043

FOREIGN PATENT DOCUMENTS							
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		Country Code ³	Number ⁴				
/B.F./	B9	WO	00/73469A3	12-07-2000	Sugen, Inc.		
	B10	WO	01/42467 ✓	06-14-2001	Millenium Predictive Medicine, Inc.		
	B11	WO	01/44497 ✕	06-21-2001	University of Dundee		
	B12	WO	01/57058 ✓	08-09-2001	Metagen Gesellschaft Fur Genomforschung MBH		
	B13	WO	01/77389 ✓	10-18-2001	Incyte Genomics, Inc.		
	B14	WO	02/29103 ✓	04-11-2002	Gene Logic, Inc.		
	B15	WO	92/19258 ✕	11-12-1992	Childrens Hospital of Los Angeles		
	B16	WO	97/22702 ✓	06-27-1997	Sugen, Inc.		
	B17	WO	98/41638 ✓	09-24-1998	Medical Research Council		
	B18	WO	99/37788 ✓	07-29-1999	Sugen, Inc.		
↓	B19	WO	99/63073 ✓	10-09-1999	The Trustees of Columbia University in the City of New York		
/B.F./	B20	WO	99/64576 ✓	12-16-1999	Bayer Corporation		

Examiner Signature	/Brandon Fetterolf/	Date Considered	04/03/2008
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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	
Sheet	3	of	4	International Filing Date	March 21, 2003
				First Named Inventor	DELANEY, Allen D.
				Art Unit	
				Examiner Name	
				Attorney Docket Number	SMAR-043

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
/B.F./	C1	ABO, A., et al. "PAK4, a novel effector Cdc42Hs, is implicated in the reorganization of the actin cytoskeleton and in the formation of filopodia". EMBO Journal, (1998), 17(22):6527-40			
	C2	ALESSI, D.R., James, S.R. and Downs, C.P., et al. "Characterization of a 3-phosphoinositide-dependent protein kinase which phosphorylates and activates protein kinase Balph", Curr Biol (1997) 7(4):261-9			
	C3	CROSS, T.G., et al. "Serine/threonine protein kinases and apoptosis". Exp Cell Res, (2000), 256(1):34-41			
	C4	DREWES, G., et al. "MARK, a novel family of protein kinases that phosphorylate microtubule-associated proteins and trigger microtubule disruption". Cell (1997), 89(2):297-308			
	C5	DUESTERHOEFT, A. and Lauber, J. and Mewes, H.W., et al. MIPS A.M. Klopferspitz 18a, D-82152 Martinsried Germany Genbank Submission			
	C6	HAYASHI, A., et al. "PKCnu, a new member of the protein kinase C family, composed fourth subfamily with PKCmu". Biochim Biophys Acta (1999) 1450(1):99-106			
	C7	JOHANNES, F.J., et al. "PKCu is a novel, atypical member of the protein kinase C family". J Biol Chem (1994), 269(8):6140-8			
	C8	KANDLI, M., et al. "Isolation and characterization of two evolutionarily conserved murine kinases (Nek6 and nek7) related to the fungal mitotic regulator, NIMA". Genomics (2000), 68(2):187-96			
	C9	KIMURA, M., et al. "Cell cycle-dependent expression and spindle pole localization of novel human protein kinase, Aik, related to Aurora of Drosophila and yeast Ipl1". J Biol Chem (1997) 272(21):13766-7			
	C10	KIMURA, M., et al. "Assignment of STK6 to human chromosome 20q13.2-->113.3 and a pseudogene STK6P to 1q41-.q42". Cytogenet Cell Genet (1997), 79(3-4):201-3			
	C11	KO, T.K., et al. "CrkRS: a novel conserved Cdc2-related protein kinase that colocalises with SC35 speckles". J Cell Sci, (2001), 114(Pt 14):2591-2603			
	C12	KOLOBOVA, E., et al. "Regulation of pyruvate dehydrogenase activity through phosphorylation at multiple sites". Biochem J (2001), 358(Part I): 69-77			
V	C13	LAZZARO, M.A., et al. "A novel cdc2-related protein kinase expressed in the nervous system". J. Neurochem, (1997), 69(1):348-64			
/B.F./C14		MADAULE, P., et al. "Role of citron kinase as a target of the small GTPase Rho in cytokinases". Nature (1998) 394(6692):491-4			

Examiner Signature	/Brandon Fetterolf/	Date Considered	04/03/2008
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	
Sheet	4	of	4	International Filing Date	March 21, 2003
				First Named Inventor	DELANEY, Allen D.
				Art Unit	
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
/B.F./	C15	MEYERSON, M., et al. "A family of human cdc2-relatd protein kinases". EMBO Journal, (1992), 11(8):2909-2917		T ²
	C16	NAGASE, T., Ishikawa, A. and Suyama, M., et al. "Prediction o the coding sequences of unidentified human genes. ZII. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro". DNA Res (1998) 5(6):355-364		
	C17	OKUDA, T., et al. "Cloning of genomic loci and chromosomal localization of the human PCTAIRE-1 and -3 protein kinase genes". Genomics (1994), 21(1):217-221		
	C18	PINES, J.N. and Kelly, E. CDC2-related protein kinase 7 [homosapiens] DB Source Refsec: accession NM_016507.1		
	C19	PULLEN, N., et al. "Phosphorylation and activation of p70s6k by PDK1". Science (1998), 279(5351):707-10		
	C20	QIU, Y., et al. "Signaling network of the Btk family kinases". Oncogene (2000), 19:5651-61		
↓	C21	SILICIANO, J.D., et al. "itk, a T-cell-specific tyrosine kinase gene inducible by interleukin 2". PNAS USA (1992), 89(23):11194-8		
/B.F./	C22	WAMBUTT, I., Heubner, D. and Mewes, H.W., et al. Direct submission to Genbank submitted March 10, 1999. MIPS Accession No. AL050147		

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